## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed Japanese references are also enclosed.

A concise explanation of relevance for the non-English documents may be found at pages 4, 5, and 22 of the specification.

## **CONCLUSION**

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Attorney for Applicants

Lawrence A. Stahl

Registration No. 30,110

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New York, New York 10112-3801
Facsimile: (212) 218-2200

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FORM PTO 1449 (modified)		0	ATTY DOCKET NO. APPLICATION NO. 10/646,865			
PAT LIST OF R	DEPARTMENT OF COMMERCI ENT AND TRADEMARK OFFIC EFERENCES CITED BY APPLIC	E A	PPLICANT ATORU IZAWA, ET AL.			
(Use several sheets if necessar)  Submitted to the PTO: September 24, 2003			FILING DATE August 25, 2003		GROUP Unassigned	
		<b>0</b>	S. PATENT DOCUMENTS			
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*EXAMINER INITIAL	DOCUMENT NUMBER	ADEMARDATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,083,168	01/21/1992	Kusaka, et al.	355	285	
	5,148,226	09/15/1992	Setoriyama, et al.	355	290	
	5,149,941	09/22/1992	Hirabayashi, et al.	219	216	:
	5,162,634	11/10/1992	Kusaka, et al.	219	216	V
	5,210,579	05/11/1993	Setoriyama, et al.	355	285	
	5,262,834	11/16/1993	Kusaka, et al.	355	285	
	5,300,997	04/05/1994	Hirabayashi, et al.	355	285	
	5,343,280	08/30/1994	Hirabayashi, et al.	355	285	
		FORE	IGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	63-313182	12/21/1988	Japan			Abstract
	2-157878	06/18/1990	Japan			Abstract
	4-44075	02/13/1992	Japan			Abstract
	4-44076	02/13/1992	Japan			Abstract
	4-44077	02/13/1992	Japan			Abstract
		OTHER DOCUMENT(S)	(Including Author, Title, Date, Pertinent Pages, Etc.)		· · · · · ·	
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EXAMINER			DATE CONSIDERED			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)				DOCKET NO. 00.017499	APPLICA 10/64	ATION NO. 6,865	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLI	CANT		-,		
LIST C	OF REFERENCES CITED BY APPLICATION (Use several sheets if necession)	AVED IN		CORU IZAWA, ET AL.		CROUD	
Submitted to the PTO: September 24, 2003				g date ust 25, 2003		GROUP Unassigned	
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*EXAMINER INITIAL	DOCUMENT NUMBER	ADEMARE		NAME	CLAS	S SUBCLASS	FILING DATE IF APPROPRIATE
	5,525,775	06/11/1996	5	Setoriyama, et al.	219	216	
	5,682,576	10/28/1997	,	Sakai, et al.	399	69	
	5,767,484	06/16/1998	3	Hirabayashi, et al.	219	216	
	5,860,051	01/12/1999	,	Goto, et al.	399	529	
	5,920,757	07/06/1999	,	Izawa, et al.	399	329	
	5,960,233	09/28/1999	)	Goto, et al.	399	69	
	6,075,228	06/13/2000	)	Goto, et al.	219	216	
	6,085,058	07/04/2000	0	Goto, et al.	399	9 313	
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	DOCUMENT NUMBER	DATE		COUNTRY	CLA	SS SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	4-44078	4-44078 02/13/1992		Japan			Abstract
	4-44079	02/13/199	2	Japan			Abstract
	4-44080	02/13/199	2	Japan			Abstract
	4-44081	02/13/199	2	Japan			Abstract
	4-44082	02/13/199	2	Japan			Abstract
		OTHER DOCUMEN	Γ(S) (Incl	luding Author, Title, Date, Pertinent Pages, Etc.)			
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EXAMINER				DATE CONSIDERED			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APAIDANTS (Use several sheets if ne cess y)  Submitted to the PTO: September 24, 2003		ATTY DOCKET NO. 03500.017499	APPLICAT 10/646			
		APPLICANT SATORU IZAWA, ET AL.				
		<b>19</b>	FILING DATE August 25, 2003		GROUP Unassigned	
	SEP 2	4 MIG H	U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DENARI O	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,298,213	10/02/2001	Miyamoto, et al.	399	320	
	6,347,211	02/12/2002	Nanataki, et al.	399	328	
	2002/0118977	08/29/2002	Hasegawa, et al.	399	69	
	2002/0168202	11/14/2002	Izawa, et al.	399	329	
	6,493,521	12/10/2002	Miyamoto, et al.	399	44	
	6,519,426	02/11/2003	Goto, et al.	399	69	
	2003/0029853	02/13/2003	Izawa, et al.	219	216	
	2003/0038125	02/27/2003	Kataoka, et al.	219	216	
	2003/0118363	06/26/2003	Izawa, et al.	399	69	
		FC	DREIGN PATENT DOCUMENTS	<del></del>		
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	4-44083	02/13/1992	Japan			Abstract
	4-204980	07/27/1992	Japan			Abstract
	4-204981	07/27/1992	Japan			Abstract
	4-204982	07/27/1992	Japan			Abstract
	4-204983	07/27/1992	Japan			Abstract
	4-204984	07/27/1992	Japan			Abstract
		OTHER DOCUMENT	I(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	)		
EXAMINER			DATE CONSIDERED			

Sheet\_3\_ of \_3\_

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.